

AMENDMENTS TO THE CLAIMS:

Claims 1-5 (Canceled).

Claim 6. (Currently Amended) A supporting mechanism for an optical disc reproducing apparatus, comprising:

a main frame for mounting a spindle motor to rotate an optical disc and a pickup to read the optical disc thereon; and

a sub-frame connected to the main frame through elastic members;

wherein the mass of the sub-frame including mounted members is 1/10 –1/3 of the mass of the main frame including mounted members.

Claim 7. (Previously Presented) The supporting mechanism according to claim 6, wherein the sub-frame has a shape of a flat plate.

Claim 8. (Previously Presented) The supporting mechanism according to claim 6, wherein the sub-frame contains at least metal.

Claim 9. (Previously Presented) The supporting mechanism according to claim 6, wherein a center of balance of the sub-frame is on a rotating shaft of the spindle motor.

Claim 10. (Previously Presented) The supporting mechanism according to claim 6, wherein the elastic members are made of one of rubber and plastic.

Claim 11. (New) The supporting mechanism according to claim 6, wherein the mounted members on the main frame comprise a spindle motor, a turntable, a pickup, and guide rails.